Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1-40. (Cancelled)

41.   (Currently Amended) A method for automatically creating data exchange schema data on a network server corresponding to remote processing services provided by the network server for source code corresponding to data processing objects used to provide the remote processing services upon receipt of a request from a client process, the method comprising:

storing a source code file within the mass storage of the server;

compiling the source code file to generate a data processing object, the data processing object providing the requested processing service;

automatically generating the data exchange schema data that specifies how to exchange data between the server and the client process for the data processing object, the data exchange schema data generated when the source code file is compiled to generate the data processing object, the data exchange schema data being a separate description from the data processing object; ~~and that provides the requested processing service.~~

storing the data exchange schema data within the web services library for use by subsequent processing service requests; and

providing the data exchange schema data to a subsequent client process, the subsequent client process determining format and function of input and output arguments of the data processing object from the data exchange schema data.

42.   (Original) The method according to claim 41, wherein the method further comprises storing the data exchange schema data within the web services library for use by subsequent

processing service requests.

43.   (Original) The method according to claim 42, wherein data exchange schema data comprises an HTML representation for a web page containing a description of exposed data processing services.

44.   (Original) The method according to claim 43, wherein the web page comprises:

a textual description of each exposed data processing service based upon data stored within the source code file;

a description of each input argument accepted by each exposed data processing service, the description includes a description of the input argument and a description of the data format for the input argument data expected by the exposed data processing service; and

a description of each output data value generated by each exposed data processing service.

45.   (Original) The method according to claim 44, wherein the description of each input argument further comprises an input field upon the generated web page for permitting a user to input a value to be passed to the exposed data processing service as the corresponding input argument.

46.   (Original) The method according to claim 45, wherein the description of each output data value generated by each exposed data processing service further comprises an activate button which causes the remote data processing service to be activated using the values contained within the input fields corresponding to the input arguments as the input arguments submitted with the remote data processing service request.

47.   (Previously Presented) The method according to claim 42, wherein the data exchange schema data comprises a specification for the input and output data schema expressed in a

data transfer specification language.

48.   (Original) The method according to claim 47, wherein the data transfer specification language comprises a Web Services Description Language representation for the data exchange schema data.

49.   (Original) The method according to claim 47, wherein the data transfer specification language comprises a Resource Description Format representation for the data exchange schema data.

50.   (Currently Amended) A computer program data product readable by a computing system and encoding instructions for automatically creating data exchange schema data on a network server corresponding to remote processing services provided by the network server for source code corresponding to data processing objects used to provide the remote processing services upon receipt of a request from a client process, the computer process comprising:

compiling the source code file to generate a data processing object, the data processing object providing the requested processing service;

automatically generating the data exchange schema data that specifies how to exchange data between the server and the client process for the data processing object, the data exchange schema data generated when the source code file is compiled to generate the data processing object, the data exchange schema data being separate from the data processing object; that provides the requested processing service.

storing the data exchange schema data within the web services library for use by subsequent processing service requests; and

providing the data exchange schema data to a subsequent client process, the subsequent client process determining format and function of input and output arguments of the data

processing object from the data exchange schema data.

51.   (Original) The computer program data product according to claim 50, wherein the method further comprises storing the data exchange schema data within the web services library for use by subsequent processing service requests.

52.   (Original) The computer program data product according to claim 51, wherein data exchange schema data comprises an HTML representation for a web page containing a description of exposed data processing services.

53.   (Original) The computer program data product according to claim 52, wherein the web page comprises:

a textual description of each exposed data processing service based upon data stored within the source code file;

a description of each input argument accepted by each exposed data processing service, the description includes a description of the input argument and a description of the data format for the input argument data expected by the exposed data processing service; and

a description of each output data value generated by each exposed data processing service.

54.   (Original) The computer program data product according to claim 53, wherein the description of each input argument further comprises an input field upon the generated web page for permitting a user to input a value to be passed to the exposed data processing service as the corresponding input argument.

55.   (Original) The computer program data product according to claim 54, wherein the description of each output data value generated by each exposed data processing service further comprises an activate button which causes the remote data processing service to be

activated using the values contained within the input fields corresponding to the input arguments as the input arguments submitted with the remote data processing service request.

56.   (Previously Presented) The computer program data product according to claim 51, wherein the data exchange schema data comprises a specification for the input and output data schema expressed in a data transfer specification language.

57.   (Original) The method according to claim 56, wherein the data transfer specification language comprises a Web Services Description Language representation for the data exchange schema data.

58.   (Original) The method according to claim 56, wherein the data transfer specification language comprises a Resource Description Format representation for the data exchange schema data.